

Abstract

Combustion chamber with a closed cooling system for a turbine

- 5 In order to develop a combustion chamber with a closed cooling system for a turbine with an inner wall and an outer wall (1) bounding the combustion area, wherein there is an intermediate space between the inner wall and the outer wall (1) through which cooling fluid can flow, and which comprises a cooling fluid feed
10 system opening out into the intermediate space and a cooling fluid discharge system for discharging the cooling fluid from the intermediate space, so that it has a reduced extension in the radial direction, it is proposed with the invention that the cooling fluid discharge system should comprise channel-type
15 drainage structures (8) running essentially along the axial orientation of the combustion chamber, which are interrupted by inlet structures (4) of the cooling fluid feed system arranged between the drainage structures (8).